

LIVE STOCK

SELECTING BREEDING STOCK

Stock Improvement is Closely Related to Heredity Control Which Insures Best Matings.

(Prepared by the United States Department of Agriculture.)

Raising the standard of farm animals and poultry and bringing out certain desirable characteristics by selective breeding is receiving more attention as methods of farming for profit become intensified.

The breeding of domestic animals dates back to remote antiquity, when the most advanced races of the old world were still on the border line between savagery and barbarism. It far antedates any but the simplest mechanical arts. Yet while our knowledge of the laws of nature as they apply to mechanics has reached very great magnitude and complexity, it is comparatively only a few years since the principles of breeding have been more than a collection of unrelated traditional beliefs.

The same superstitions on which the shepherds of Asia based their practices at least 30 centuries ago are still widely current, while the one sound principle known to the ancients—selection of the best for breeding stock—is still largely neglected.

The principles of successful animal breeding, as they have been learned by practical experience in the United States and other countries, and by careful scientific study along definite lines, are outlined in Department Bulletin 905, recently issued by the United States Department of Agriculture.

This bulletin goes into the first principles of reproduction and follows the means by which certain characteristics of one or the other parent are transmitted to the offspring, the methods of selection best suited to intensify the desirable characteristics and weed out the undesirable, the characteristics which can with certainty be expected to continue from one generation to another, those which are uncertain, those which will blend, and those which cannot be inherited.

Aside from mere increase in numbers the purpose which the breeder is likely to have in mind fall under two more or less distinct heads, namely, production of a uniform product, and improvement. A uniform product depends on such control over the heredity of the stock that matings can be made with the assurance that the offspring will be of a certain definite type for which there is a



Calves Selected for Breeding Purposes.

Demand. Improvement is, of course, closely related to control over heredity, but the methods which give the greatest control are not necessarily those which lead to the most rapid improvement.

In a broad sense the whole subject of practical breeding comes under the head of selection. The most obvious basis for such selection is the performance of the animals themselves. Unfortunately, the merit of most kinds of live stock cannot be measured directly. The study of conformation as an index of useful qualities has accordingly held a high place as a basis for selection of breeding stock. Live stock judging has this for its purpose. An animal of good breeding is a better one to breed than one of equal individual merit but of mixed or common breeding. Pedigree, though often misused, is a valuable aid to selection, apart from following a general policy of mating. The soundest basis of all for selection of breeding stock is the record of past performance as a breeder, provided the record is sufficiently extensive to give a fair test.

DISPLACING INFERIOR Sires

Many Farmers Tell Department of Agriculture of Compliance With Better-Sires Plan.

"I disposed of a grade bull last month."
"I sold a high-grade yearling bull."
"Disposed of a worth bull because we expect to breed to a purebred."
"I castrated an inferior male hog and put in a purebred."
"I will have to buy hogs and they will be purebred."

These comments were received in one day recently by the United States Department of Agriculture from persons enrolled in the better-sires—better stock movement. In addition, many others stated that, although they did not own purebred sires, their female stock was bred to such animals, thus complying with the essential requirements of the better-sires campaign.

Swedish Love of Flowers.
Swedish women of all classes are particularly fond of flowers. And in proportion to its size and population, Stockholm has more flower gardens than any other European city.

State News

E. R. Cogswell, who has been with Wallace Bros., automobile dealers, for the past year, and before that time was advertising manager for the Pendleton Tribune, has accepted the position of advertising manager for the Baker Herald, in Baker.

A city ordinance passed recently by the McMinnville city council prohibiting all public dances and later vetoed by the mayor has been re-passed over his veto by a vote of five to one. Penalties of fine and imprisonment are provided for violators.

George Kuebler, president of the International Mutual Fire Insurance company, who suicided in Chicago by jumping from a ten-story building, was engaged to Mrs. Della Crowder Miller, of Salem, noted writer and musician. Mrs. Miller was in Chicago, waiting for the marriage day.

North Powder recently held an election for the purpose of voting bonds for a school gymnasium. Out of the 97 votes cast, only 21 favored the gymnasium, and the proposition was turned down.

Lewis Fernald, assistant cashier of the Citizen's National Bank in Baker, has resigned his position. It is reported that he has been offered a better position elsewhere.

A man believed to be Albert Guellet, has been arrested at Oregon City, on suspicion of connection with the murder of Simon J. Yoder, a Woodburn garage owner, who was killed on March 6.

NEW SCHOOL IS ENDOWED

NEW YORK, Mar. 22.—The Rockefeller Foundation announces the contribution of \$3,000,000 francs toward a total budget of 100,000,000 francs, for new buildings and endowments of the Medical School of the University of Brussels.

Part of the new funds will go to the establishment of a nurse training school, in memory of Edith Cavell, the martyred English nurse, and of Mme. Depage, the late wife of the well known Belgian surgeon. With the Queen of Belgium, Mme. Depage headed the activities of the Belgian Red Cross during the war and lost her life on the Lusitania when returning from America, after soliciting funds for war work.



McKibbin hats

STYLE without exaggeration; this McKibbin appeals to the careful dresser who doesn't wish extremes. All the late \$5 shades.

Clint's Clothiers.

FLYING START: MADE IN DRIVE

OVER HALF OF Y. M. C. A. FUND NOW PLEDGED.

One-Day's Work Brings in \$2916 from 107 Subscribers—Two More Days of Campaign.

The first day's work of the committee of 25 soliciting subscriptions for the Y. M. C. A. resulted in a total of \$2916 being pledged toward the \$5,000 fund, this amount being distributed among 107 subscribers. The average subscription is \$27.35.

The committee in charge of the work met again last evening at the Foley hotel for dinner and there made its report and talked over the plans for today and tomorrow. All are very hopeful that the minimum of \$5,000 will be oversubscribed and are working hard to make as good a showing as was made yesterday. Reports from several of the committee members early this afternoon indicate that there will be little difficulty in meeting the amount set as the goal.

Another meeting will be held at 6:15 this evening at the Foley hotel, dinner being served to the committee members at this time. The following is a list of the subscribers of yesterday:

Geo. Earl Stoddard, La Grande Investment Co., H. E. Dixon, J. Ross Leslie, Inland Motor Co., S. D. Crowe, E. E. Divens, A. B. Cherry, Home Independent Tel. Co., Tracy Hollister, W. H. Vogel, Mrs. Althea Buntin, M. J. Goss, A. J. Brannon, L. L. Snodgrass, L. H. Bramwell, N. N. Richardson, Forrest Scroggin, C. D. Putnam, U. S. Nat'l. Bank, Chester Thompson, T. J. Scroggin, W. Miller, Mrs. Geo. Stoddard, C. R. Harding, G. S. Birnie, Roy Flexer, J. E. Stearns, Curry Press, Herman Siegrist, Fred Spaeth.

Frank Hilton, R. W. Leighton, T. H. Crawford, J. D. Slater, Robt. Eakin, Doane & Allen, Milne Electric Co., F. E. Oaker, A. W. Nelson, Ed. Wright, A. C. Hampton, Dr. C. S. Moore, A. R. Hunter, T. K. Bellamy, W. A. Benham, S. F. Andrew, Frank Jester, R. S. Fowler, C. R. Leighton, Henry T. Hill, H. M. Bay, J. A. Garday, Al Daniel, Floyd McKennon, Pioneer Milling Co., La Grande, Milling Co., Pattison Bros., E. E. Bragg, Mrs. Ruth Jackson, Sherry Theatre, Wm. Siegrist, J. T. Holm, H. H. Cleaver, J. F. Heavly, J. C. Penney Co., Clint Van Fleet, Meyers & Ford, L. & L. Drug Co., Arthur C. Williams, Peter Nakas, Elmer Stoddard, Grande Ronde Lumber Co., Mrs. Ed Kiddle, Norman Desilet, Al Cain, L. B. Moore, F. Dunn, H. S. Brown, H. P. Brenholtz, C. G. Bolton, Don J. Scott, W. E. Henke, W. S. Parker, A. T. Hill, Hill's Dept. Store, Harold Heron, W. H. Reuter, W. C. Dargatz, C. E. Moss, S. Van Buren, C. R. Buell, J. D. Lynch, La Grande Grocery Co., A. J. Van Valkenburg, Lester Kinley, H. Schomann, R. A. Marr, W. H. Bohnenkamp Co., Floyd Charboneau, W. D. Hanks, Belle Campbell, M. A. Chinland, C. W. Charboneau, T. A. McIntyre, Miss Amy Miller, J. G. Snodgrass.

BETTER THAN CALOMEL

Thousands Have Discovered Dr. Edwards' Olive Tablets Are a Harmless Substitute

Dr. Edwards' Olive Tablets are the result of Dr. Edwards' determination not to treat liver and bowel complaints with calomel. For 17 years he used these tablets—a vegetable compound mixed with olive oil—in his private practice with great success.

They do all the good that calomel does but have no bad after effects. No pains, no griping, no injury to the gums or danger from acid foods—yet they stimulate the liver and bowels. Take Dr. Edwards' Olive Tablets when you feel "lousy" and "heavy." Note how they clear clouded brain and perk up the spirits.

LEGION WILL MEET IN EUGENE

EUGENE, Ore., Mar. 22.—Plans are being made for entertainment of hundreds of delegates expected to attend the annual convention of the department of Oregon, American Legion, which will be held here July 1 and 2. Ben F. Dorris, commander of the local post, has been named committee chairman, and has worked out a program along with the executive committee of the Lane County post and directors of the Eugene Chapter of Commerce. There will be a fishing trip up the McKenzie river, a musical show, boxing match, parade, and automobile drives. The fun is scheduled to start the evening of June 30. An initiation of the "Forty-eighth" the highest degree of legionism will be held that night.

NEW ROAD NEAR UNION IS OPENED

UNION, Mar. 22.—County workmen have been busy for some time past opening up a new road connecting with the Weaver lane in North Union, running north a quarter of a mile to the Cedric Gale place, thence west sixty rods to the B. F. Wilson place; thence north three-quarters of a mile to intersect the Cave-Hot Lake road at the Ralph Hutchinson place. This road will accommodate many people and has been needed for a long time.

Do you know why it's toasted

To seal in the delicious Burley tobacco flavor.

LUCKY STRIKE CIGARETTE

The American Tobacco Co.

—PERMANENT THE PYRAMIDS—
La Grande Concrete Pipe Co.
—DRAINAGE
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"Try It Out Yourself" says the Good Judge



And you will find how much more satisfaction a little of this Real Tobacco gives you than you ever got from a big chew of the ordinary kind.

The good, rich, real tobacco taste lasts so long you don't need a fresh chew nearly as often. So it costs you less.

Any man who uses the Real Tobacco Chew will tell you that.

Put up in two styles

W-B CUT is a long fine-cut tobacco
RIGHT CUT is a short-cut tobacco

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This monument, erected to the memory of Joseph Bradford Carr, in Oakwood Cemetery, New York, is a combination of classic and modern ideas in monument work.

Gen. Carr's Memorial, Troy, N.Y.



—We have made a profound study of monument building, and an order placed in our hands is sure to receive faithful, intelligent execution.

We Will Gladly Furnish Estimates

Blue Mountain Marble & Granite Company.

1502 S Ave., La Grande, Or.

Easter Sunday

CALLS FOR A SWIFT'S HAM
Juicy, Tender and Delicious.

Most everybody likes good ham, and when you can serve SWIFT'S PREMIUM HAM, baked, as the chief dish, the success of your dinner is absolutely assured.

It is not necessary to parboil SWIFT'S PREMIUM HAMS before broiling or frying.

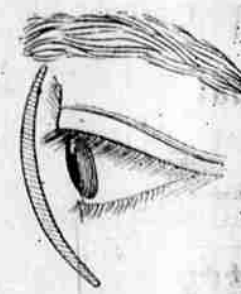
Prices range from about \$1.25 to \$5.00.

PHONE MAIN 80

PATTISON BROTHERS GROCERY

—THE HOME OF AMERICAN BEAUTY FLOUR—

Your Efficiency Depends on Your Eyes



Good work needs good eyesight, because, as a chain is no stronger than its weakest link, so a man is no stronger than his weakest faculty. And now, when the quality of a man's work will play such an important part in the determination of his income, you owe it to yourself to keep your faculties alert, keen—fit for the competition of industry.

DON'T WONDER WHETHER OR NOT YOUR EYES ARE EFFICIENT. Have them examined — and KNOW!

U. S. Government statistics prove that over 80% of the men examined for the army had defective vision. This should indicate that possibly your eyesight is not so efficient as it should be. Have your Eyes Examined — and KNOW — as every live American should.

—BY—

J. H. PEARE & SON
Optometrists

MR. FARMER AND STOCKMAN:

WE HAVE A CAR OF OIL CAKE, WHICH WE CAN MAKE VERY ATTRACTIVE PRICES ON AT THIS TIME
—THIS OIL CAKE RUNS 43% PROTEIN—

MR. DAIRYMAN, IF YOU WANT SOMETHING WHICH WILL DOUBLE YOUR MILK FLOW, BETTER DROP IN AND LOOK AT THIS FEED.

REMEMBER:

THAT WE ARE NOW GETTING IN A CLEAN FRESH STOCK OF FIELD AND GARDEN SEEDS.

Sawyer-Holmes Mercantile Co.

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